ROMAC INDUSTRIES, INC.

ETHYLENE PROPYLENE DIENE MONOMER (EPDM) RUBBER

SUBMITTAL INFORMATION

USE: Ethylene Propylene Diene Monomer Rubber, commonly known as EPDM, is formulated for applications involving high temperatures and many harsh chemicals. For more information contact our factory.

Rubber Compounded for Romac Per ASTM D 2000 MBA 715A14B13C12F17F19 and manufactured by Romac. Rubber extrusion compounded for Romac Per ASTM D 2000 M3BA714B13C12F17Z .

CHARACTERISTICS:

Temperature Range:	-40^{O}F to +220^{O}F *
Weathering:	Excellent
Abrasion:	Good - Excellent
Compression Set:	Good - Excellent
Tearing:	Good - Excellent
Steam Service:	Excellent

CHEMICAL RESISTANCE:

HCO_3	Excellent
Fluorides	Excellent
Sodium Compounds	Excellent
Sulfuric Acid	Good
Hydrocarbons	Not recommended

Compatibility of other materials available upon request.
Other gasket compounds available for use where EPDM is not suitable.

* Rated for 3000 hours at 220^{O}F. Higher temperature compounds available on request.

Phone (425) 951 6200 • Toll Free 1 800 426 9341 • Fax (425) 951 6201 • www.romacindustries.com

ROMAC INDUSTRIES, INC.

ETHYLENE PROPYLENE DIENE MONOMER (EPDM) RUBBER

SUBMITTAL INFORMATION

SPECIFICATIONS:

◦ Original Physical Properties	ASTM D 412-92 ASTM D 2240-91
Tensile Strength, psi	2031
Elongation, %	300
Hardness, Duro A, pts	70 ±5
◦ Heat Aged Properties 70 hours at 212 °F (100°C)	ASTM D 573, 70 h @ 100 °C
% change in Tensile Strength.	±30 max
% change in Elongation.	-50 max
Change in Hardness.	±15 points
◦ Compression Set	ASTM D 395, Method B, max., %, 22 h @ 70 °C
Compression set	25 % max
◦ Ozone Resistance	ASTM D 1171, Quality Retention Rating, min., %
Retention Rating, %	100% min.
◦ Low Temperature Brittleness	ASTM D 2137, Method A, 9.3.2, non-brittle after 3 min. @ -40 °C, (5 test specimens)
Results	All 5 test specimens passed

11/09